

**REPLY TO PRE-BID QUERIES**

**TENDER DOCUMENT FOR SUPPLY OF 3000 WL TYPE-I CNG STORAGE CASCADES**

**TENDER NO: IGL/ET2/CP/CC18114**

Sl. No.	Volume/ Section/ Clause No.	Page No.	Clause No.	Clause	Bidder's Query	IGL Reply
1	Point No. 3.2	7		Delivery Schedule a. 56 Nos. 3000 WL Type – I are to be delivered in lots as per IGL requirement. b. 1st lot of 33 nos. are to be delivered at IGL site/ stores on ex-works basis within 12 weeks from the date of purchase order / intimation from IGL. c. Subsequent lots to be delivered as per IGL requirement within 8 weeks from the date of purchase order / intimation from IGL.	33 Cascades is 12 weeks is not possible considering the time taken for Drg. + QAP approvals. Therefore for the first lot we propose 20 weeks from date of approval of drgs.+ QAP for the 33 nos. cascades. Alternatively IGL can consider approving our drgs. + QAP submitted in the tender along with LOI. For subsequent lots we need 10 weeks from the date of intimation.	Tender Condition Prevails
2	Point No. 5.2	67		Bidder to submit foundation and other drawings indicating requirement of work to be carried out by Owner within one month of placement of order.	Only Cascade GA Drawings, P & ID, and cascade footprint drawing shall be provided.	Tender Condition Prevails
3	Point No. 6.1	69		Double compression ferrule Fittings shall be used in tube connection tubes.	Double compression ferrule fittings will be provided in pressure manifold. Welded nipple connection shall be provided in Vent manifold.	Noted
4	Point No. 6.10	72		Supplier shall submit structural drawing of the frame giving details of the steel, welding procedure, corrosion protection for approval of Owner / Owner's representative before commencing fabrication work.	Only 4G calculation shall be provided. Frame structural drawings are our proprietary items and cannot be shared.	Tender Condition Prevails
5	Point No. 6.11	73		a) All fittings including valves shall be of Swagelok/ Parker/ Hamlet/ DK-Lok/ Hy-Lok make. Material shall be SS 316 conforming to ASTM A182/ A276 Open ends on fittings and vents shall be provided with caps.  b) Material of vent tubing shall be SS 316 and make shall be of Sandvik / Tubacex/ FAE/ Ratnamani / Parker.	a) We request to kindly also add 'Superlok' make of Fittings.  b) We propose 'Jindal SAW' for interconnecting SS tube which are good quality and indigenous make.	Tender Condition Prevails
6	Point No. 29.1	40		In case the Contractor fails to complete the Work within the Contractual Completion period, then, unless such failure is due to Force Majeure as defined herewith or due to Owner's defaults, the Contractor shall pay to the Owner, by way of compensation for delay and not as penalty, a sum @ ½% (half per cent) per complete week of delay of the value of the “supply portion for the quantity” that is delayed per complete week subject to maximum of 5% (Five Per Cent) of the total contract value.	We accept PRS @ ½ % (Half Per Cent) per week of delay or part thereof of the value of <b>undelivered</b> item in which default delivery has taken place. Maximum PRS will be 5% of value of the <b>undelivered</b> portion of supply.	Tender Condition Prevails
7	Point No. 6.12	73		Surface preparation by Shot Blasting as per grade SA 2 1/2, IS 9954 / ISO 8501/ IS 7285 (Part 2):2017. Three coats of paint shall be applied with minimum thickness of 300 micron. The recommended painting system should be of Category C5-I Very high (Industrial) as specified in the Standard ISO 12944 Part 1 to 8. The proposed Painting system shall conform to Table A 5 of ISO 12944 – 5 Standard.	We understand this specification is for Cylinder painting. Please note that the Cylinder painting shall be done as per IS 4379.	The cylinder shall be painted externally in accordance with the colour scheme specified in IS 4379.  Rest Tender Condition Prevails.
8	SOR	79		Freight, Insurance Loading & Unloading etc. at IGL stores at Delhi, Karnal, Kaithal, Rewari, Gurugram, Ghaziabad, Gautam Buddha Nagar, Kanpur, Meerut, Ajmer and Banda GA.	Unloading shall be done on leveled ground only and shall not be mounted on top of the compressor.	Bidder to consider unloading of cascade upto 6 mtr. Height. Tender Condition Prevails.
9	Form 3	84		Format for certificate from Statutory Auditor/ CA/ CE for details of similar goods/ work/ services supplied/ done during past 7 years. <b>Signed by CA / CE.</b>	We shall submit IGL past executed orders. In this case whether CA/CE signed form - 3 required for IGL past executed orders?	Yes, Tender condition Prevails

10	VOL I IFB	9 of 101	7.1	The bidder should be a cylinder manufacturer having manufacturing and testing facility approved by Petroleum and Explosives Safety Organization (PESO), Government of India.	Cylinder manufacturer having manufacturing & testing facility approved by PESO provides the cascade manufacturer back to back guarantee against the supplied cylinder to cascade manufacturer i.e the bidder as per tender specifications. Major PSUs like GAIL, GAIL Gas, BPCL, HPCL, IOCL, etc., permit the participation of manufacturers/packagers/assemblers of CNG Cascades in the bidding process in lieu of submission of authorization letter from cylinder manufacturer. CNG cylinders are just one element among various components such as fittings, tubes, valves, frame, PG, TG, etc. Any manufacturer/packager/ assembler of CNG cascades has the option to acquire cylinders alongside other components, and subsequently deliver complete CNG cascades in accordance with the technical specifications outlined in the tender. Therefore, we kindly request you to allow CNG cascade manufacturers/packagers/assemblers to participate in the bid, as this will enhance competition and result in cost benefits for the clients.	Tender Condition Prevails
11	SECTION V SCOPE OF WORK / TECHNICAL SPECIFICATIONS 6.12 PAINTING	73		The paint shall be chosen, primed and applied as to have a service life of three (3) years. The exterior surface is required to be corrosion free for three (3) years and to have faded free life without oxidation of paint surface for five years in an environment of bright sun light with an intense UV content	Paint Warranty shall be provided as per SECTION SECTION III GENERAL CONDITIONS OF CONTRACT (GCC) Clause of 20.2 [Page No. 37], of this tender documents. That mean, twelve (12) months from the date of successful commissioning of individual equipment or Eighteen (18) Months after the date of last shipment whichever is earlier.  Ok, but no extended warranty of five (3) years for paint	Please refer Clause 6.12, Pg. 73 of 101 for warranty related to service life of paint.  Tender Condition Prevails.
12	SECTION V SCOPE OF WORK / TECHNICAL SPECIFICATIONS 6.12 PAINTING	73		Surface preparation by Shot Blasting as per grade SA 2 1/2, IS 9954 / ISO 8501/ IS 7285 (Part 2):2017. Three coats of paint shall be applied with minimum thickness of 300 micron. The recommended painting system should be of Category C5-I Very high (Industrial) as specified in the Standard ISO 12944 Part 1 to 8. The proposed Painting system shall conform to Table A 5 of ISO 12944 – 5 Standard	Cylinder painting shall be as per Cylinder Manufacturer Standard only.  Cascade painting shall be done as per this clause and Cylinder painting shall be done as per 12.1 of Standard IS 7285 [Part 2] : 2017.	The cylinder shall be painted externally in accordance with the colour scheme specified in IS 4379.  Rest Tender Condition Prevails.
13	SECTION V SCOPE OF WORK / TECHNICAL SPECIFICATIONS 9.0 INSPECTION AND TESTING	74		Supplier shall furnish record of storage capacity check of each cylinder in a cascade and the same need to be demonstrated to Owner or their authorized representative.	The storage capacity check of each cylinder shall be done as per clause 7.11 of standard IS 7285 (Part 2):2017 under BIS inspection and certification.  Entire cascade shall be offered for inspection to Owner/ Consultant or their authorized representative. The demonstration of storage capacity check of any cylinder in a cascade is not possible after cascade assembly.	Noted

14	SECTION V SCOPE OF WORK 9.0 INSPECTION AND TESTING	74	---		Request you to kindly add additional Test in Tender Documents.  The additional tests of 10% HST and ALT on cylinders under RINA witness, was not addressed during entire tendering process last time, but due to RAMA-IGL long relationship we included same in our inspection plan. We request you to include the same in current specifications. (Clause 9.0)	To be discussed during detailed engineering & relevant clause for witness of HSST shall be incorporated in QAP.
15	SECTION I INVITATION FOR BID (IFB) 3.0 DURATION OF CONTRACT AND DELIVERY SCHEDULE	7		3.1 Duration of Contract: The duration of contract shall be One (01) year from the date of issuance of LOA/ Notification of Award. 3.2 Delivery Schedule a. 56 Nos. 3000 WL Type – I are to be delivered in lots as per IGL requirement. b. 1st lot of 33 nos. are to be delivered at IGL site/ stores on ex-works basis within 12 weeks from the date of purchase order / intimation from IGL. c. Subsequent lots to be delivered as per IGL requirement within 8 weeks from the date of purchase order / intimation from IGL.	1) Due to pending orders, we require 10 Week time. 2) P.O. and Approved drawing are crucial for manufacturing of CNG Cascades.  1) For First Lot - Delivery period will start from the receipt of Approved Drawing & P.O., whichever is later. 2) We required minimum 10 Weeks of intimation for all lots. 3) There should be time gap of 5 Weeks between Two consecutive call off orders.	Tender Condition Prevails
16	SECTION IV SPECIAL CONDITIONS OF CONTRACT (SCC) 12.0 TERMS OF PAYMENT	56		100% of the payment shall be released within 45 days on pro-rata basis on receipt of Goods at designated IGL Site / store upon submission of the following: i) Commercial invoice in duplicate ii) LR or GR (original) iii) Packing List iv) Original dispatch clearance issued by Purchaser v) Inspection release note issued by Purchaser/ Consultant/ TPIA vi) Certificate of receipt of goods at Purchaser's store.	We discount your Bills with our Bankers, for 30 day's credit and we pay interest for that period, if payment is delayed, bank charges us penal interest And rate offered by us being competitive and bank penal interest erodes our profit.  Payment should made within 30 Day's, from the date of Invoice / Despatch.	Tender Condition Prevails
17	SECTION III GENERAL CONDITIONS OF CONTRACT (GCC) 29.0 PRICE REDUCTION SCHEDULE (PRS)	40		29.1 Time is the essence of the Contract. In case the Contractor fails to complete the Work within the Contractual Completion period, then, unless such failure is due to Force Majeure as defined herewith or due to Owner's defaults, the Contractor shall pay to the Owner, by way of compensation for delay and not as penalty, a sum @ ½% (half per cent) per complete week of delay of the value of the "supply portion for the quantity" that is delayed per complete week subject to maximum of 5% (Five Per Cent) of the total contract value.	We offer very competitive price and deduction on entire value of contract erodes our small margin of profits.  Maximum - 5% (Five Per Cent) of the Basic Value of Undelivered quantity only. Delivery delayed due to Covid or any other reason fallen under Force majeure clause - Than L.D./PRS penalty for that period will not applicable.	Tender Condition Prevails
18	SECTION V SCOPE OF WORK / TECHNICAL SPECIFICATIONS 6.5 PIPE WORK, VALVES AND FITTINGS "AND" 6.11 PIPING / TUBING / FITTING/ PRESSURE GAUGES / TEMPERATURE GAUGES	70 & 73		All pipe work should be ASTM 316 stainless steel tube. Double compression ferrule Fittings shall be used in tube connection tubes. And makes of these fittings shall be of SS 316 of Swagelok, Parker only. Whereas in 6.11 :-> Indicted as :-> All fittings including valves shall be of Swagelok/ Parker/ Hamlet/ DK-Lok/ Hy-Lok make. Material shall be SS 316 conforming to ASTM A182/ A276 Open ends on fittings and vents shall be provided with caps.	Your Cascade prices will be more economical with this make.  Which is the correct Make of fittings to be considered, Since you have allowed Hamlet/ DK-Lok/ Hy-Lok make, you may include Douson material also.	Tender Condition Prevails